

## Special Issue

# Natural Products in Cancer Research: From Isolation to Mechanisms of Action

### Message from the Guest Editor

This Special Issue welcomes original articles and reviews dealing with the isolation and/or the investigation of mechanisms of action of natural products with potential anti-cancer activity. In vivo studies and the design of novel natural product derivatives with improved efficacy are also welcome. Pharmacological studies should include appropriate positive controls and, if reasonable, non-tumorigenic cells for comparison. Studies that were performed with natural extracts must include a phytochemical characterization of the extracts. **Keywords:**

- natural products
- cancer
- cytotoxicity
- (activity-guided) isolation of natural products
- in vitro studies
- in vivo studies

---

### Guest Editor

Dr. Nadine Kretschmer

Institute of Pharmaceutical Sciences, Department Pharmacognosy,  
University of Graz, Universitaetsplatz 4/1, 8010 Graz, Austria

---

### Deadline for manuscript submissions

closed (30 June 2021)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/64178](https://mdpi.com/si/64178)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)



## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

---

### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2026).